



COMPUTER
IMAGE
CORPORATION

ALTEMUS

COLORIZER
SYSTEM

MK II

DENVER SCANLIM



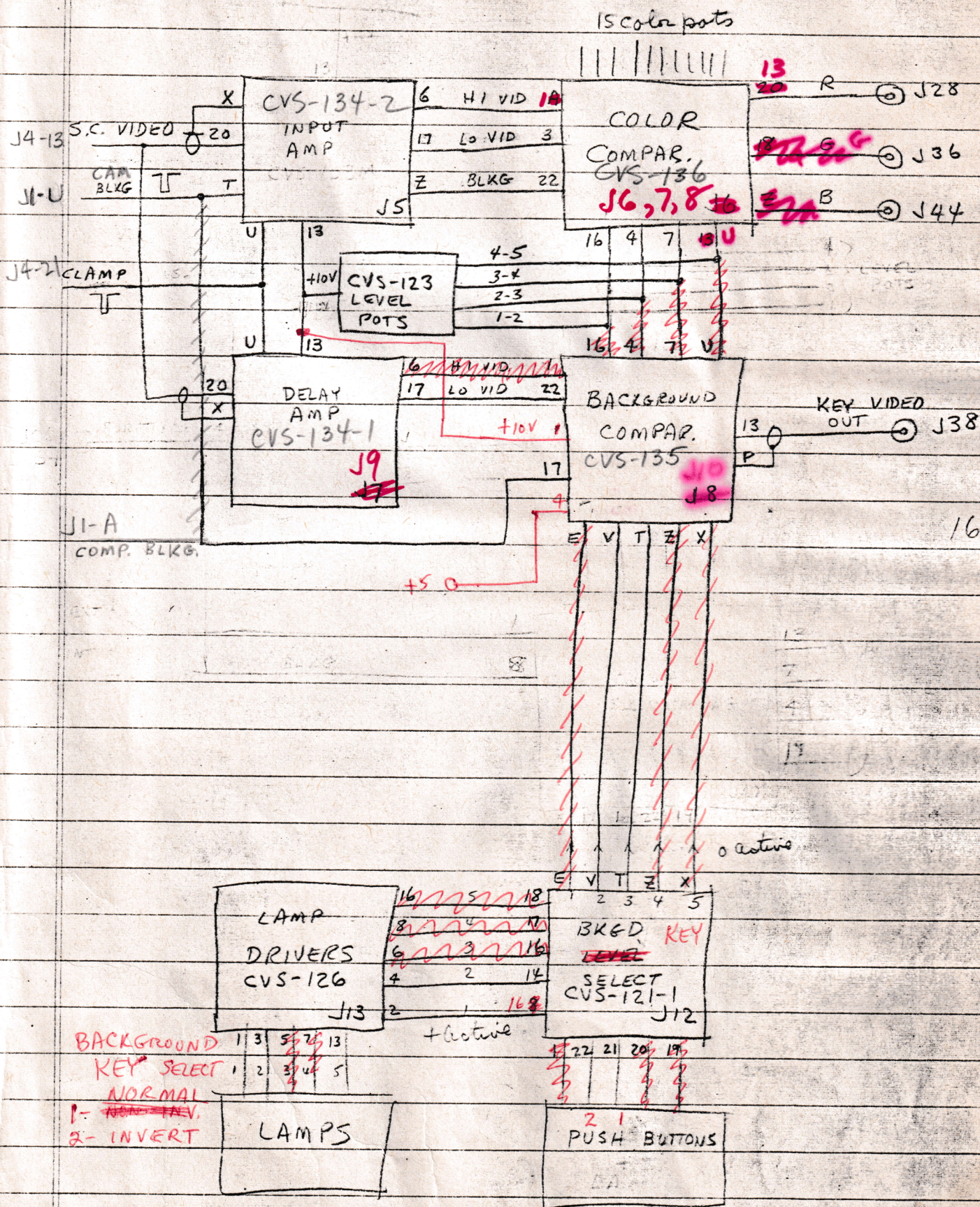
COMPUTER
IMAGE
CORPORATION

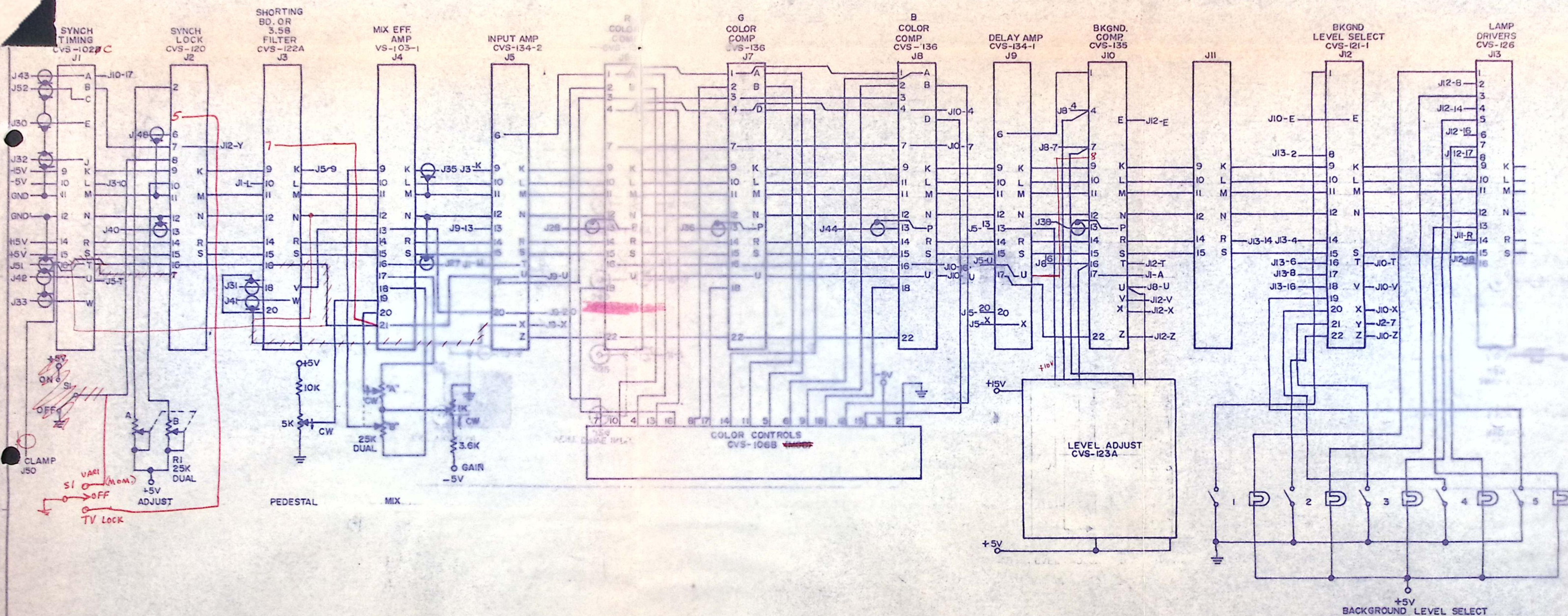
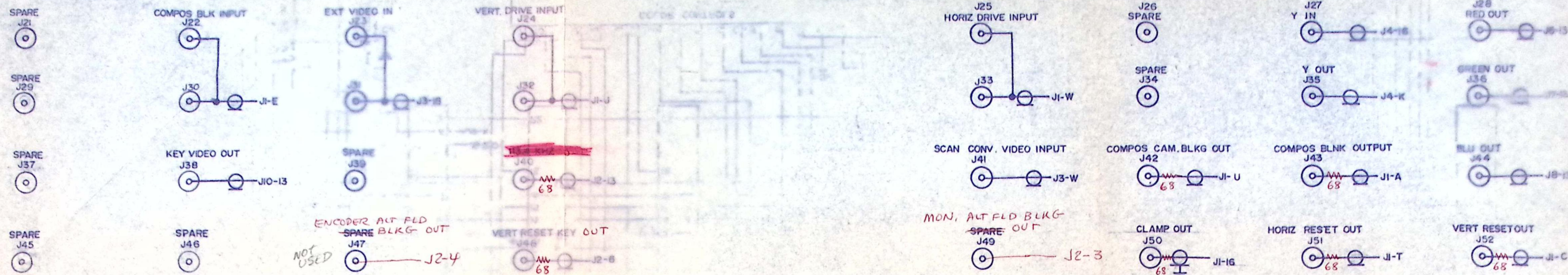
ALTEMUS

COLORIZER
SYSTEM

MK II

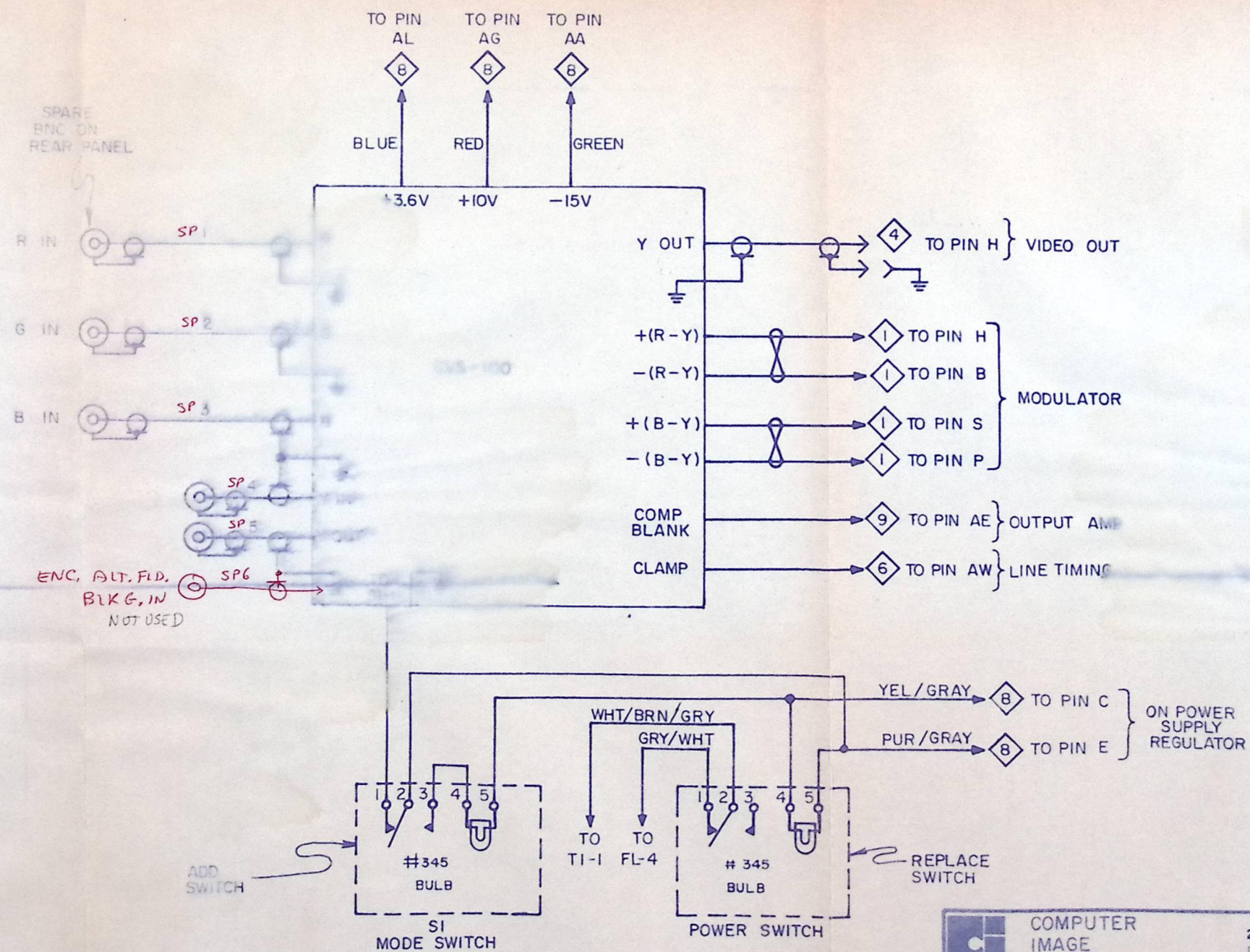
DENVER SCANIMATE





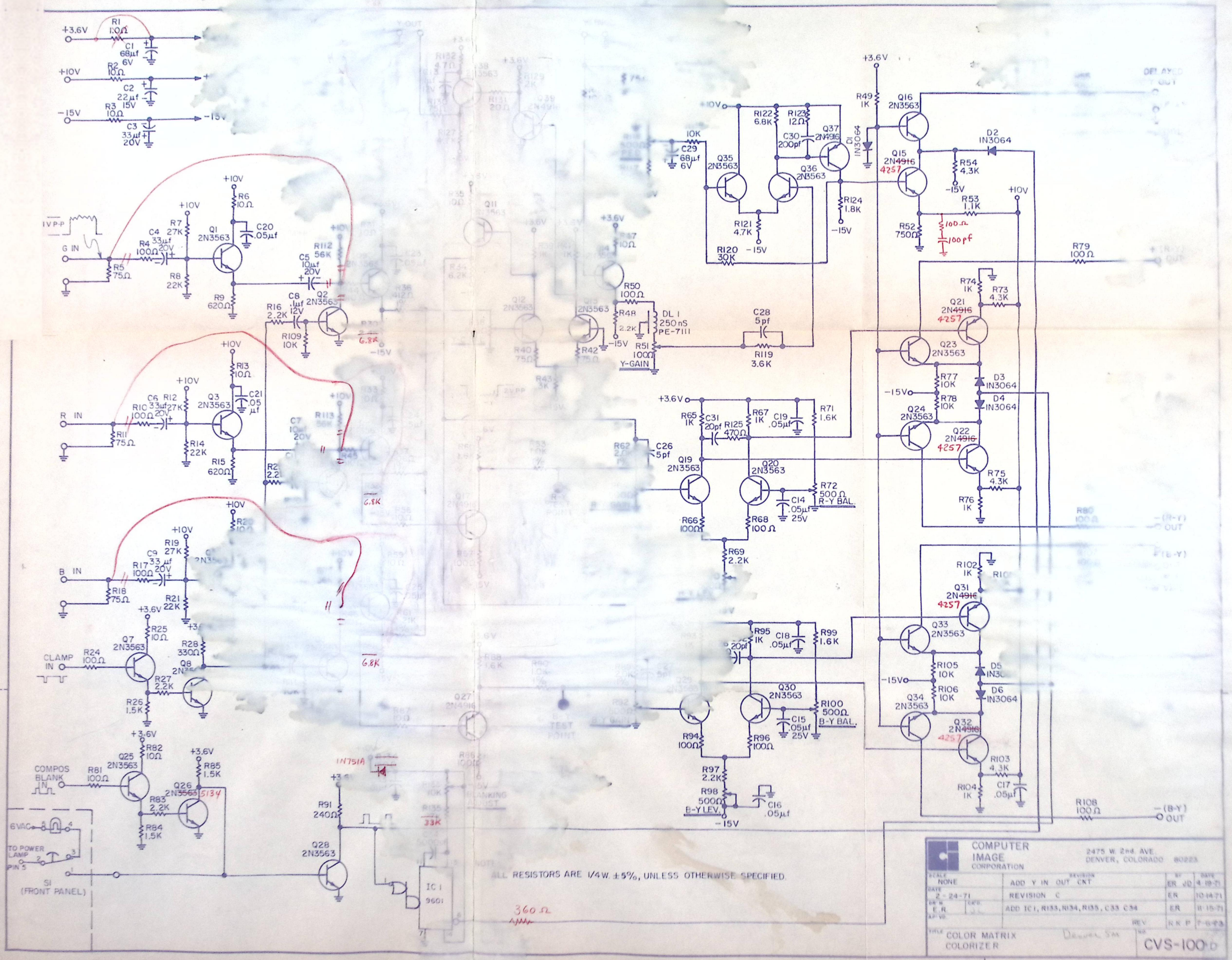
COMPUTER IMAGE CORPORATION		2475 W. 2nd AVE. DENVER, COLORADO 80223	
SCALE	NONE	REVISION	
DATE	12/13/73	BY	
DRN	R.K.P.	CND	
AP. VO.			
TITLE		NO.	
WIRING DIAGRAM COLOR CONTROLLER		CVSW-101-5	

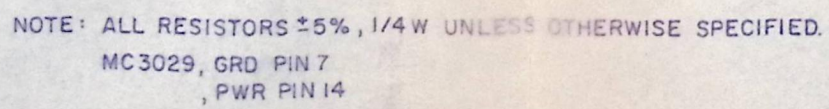
NOT LATEST



NOTE:
SPICE SPARE POWER SWITCH
WIRES TOGETHER (F2 TO T1-4)
T1-4 BLK/YEL/GRY
F2 BLK/BRN/GRY

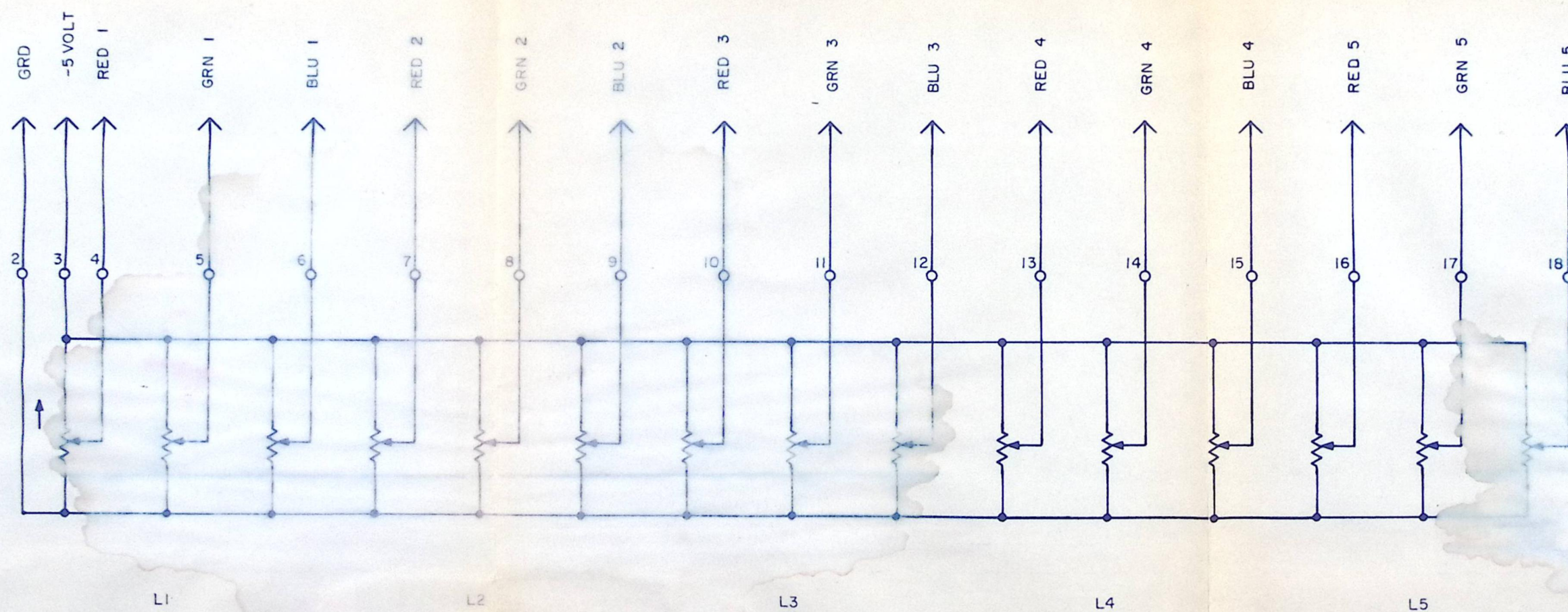
COMPUTER IMAGE CORPORATION		2475 W 2nd AVE. DENVER, COLORADO 80223	
SCALE	NONE	REVISION	BY DATE
DATE	4-21-71		
DR'N	E.R.	CR'D	
AP'VD			
TITLE TEKTRONIX 140 NTSC SIGNAL GEN. MODIFICATION WIRING DIAGRAM			NO. CVSW-104





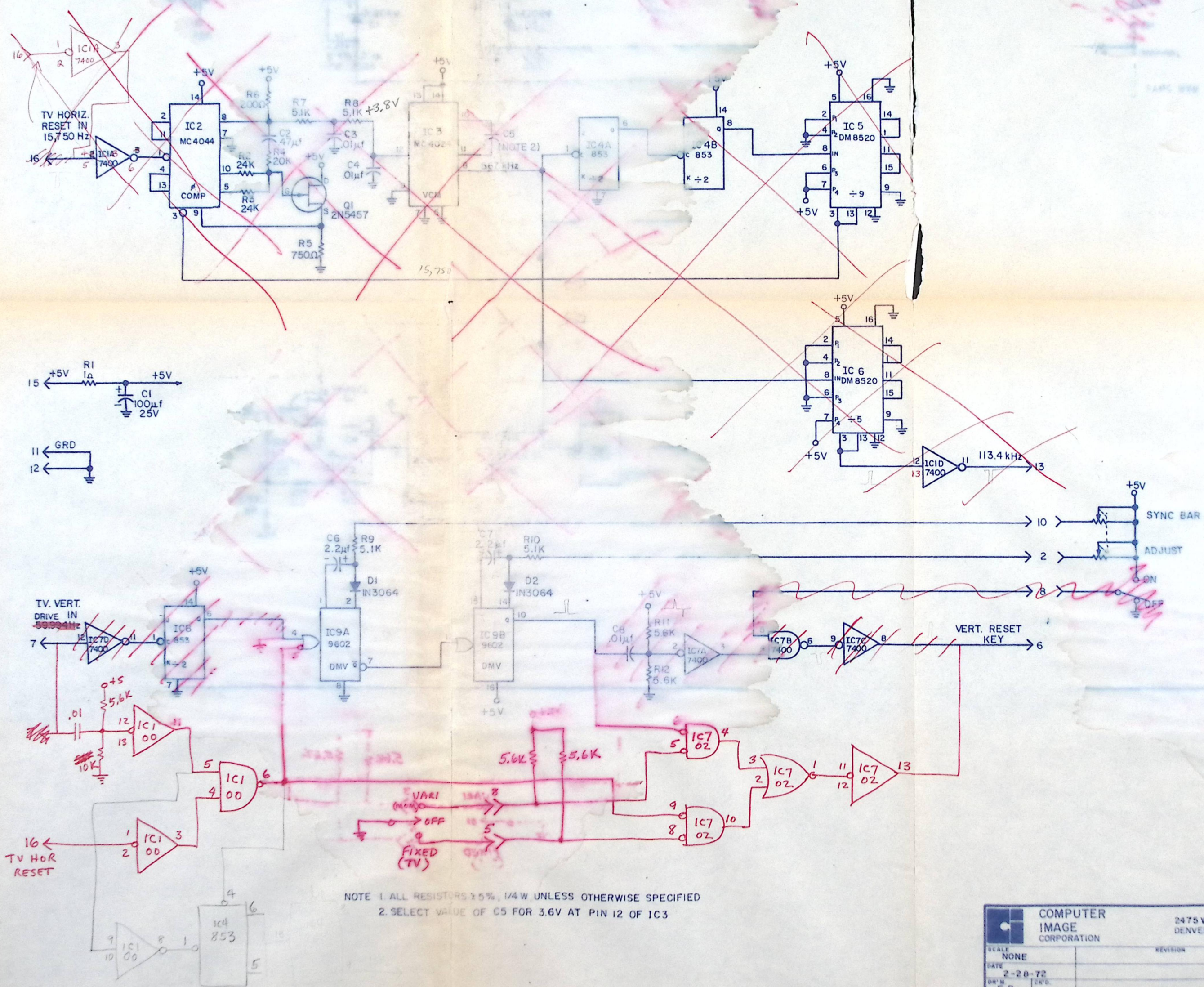
NOTE: ALL RESISTORS $\pm 5\%$, 1/4 W UNLESS OTHERWISE SPECIFIED.
MC3029, GRD PIN 7
, PWR PIN 14

		COMPUTER IMAGE CORPORATION		2162 SOUTH JASON STREET DENVER, COLORADO 80223	
SCALE	NONE	REVISION	REDRAW WITH CHANGES		BY DATE Mock 9-12-72
DATE	2-26-71				
DR'W.	E.R.	CR'D.			
AP'VD.					
TITLE			NO.		
SYNC TIMING COLOR CONTROL			CVS-102C		



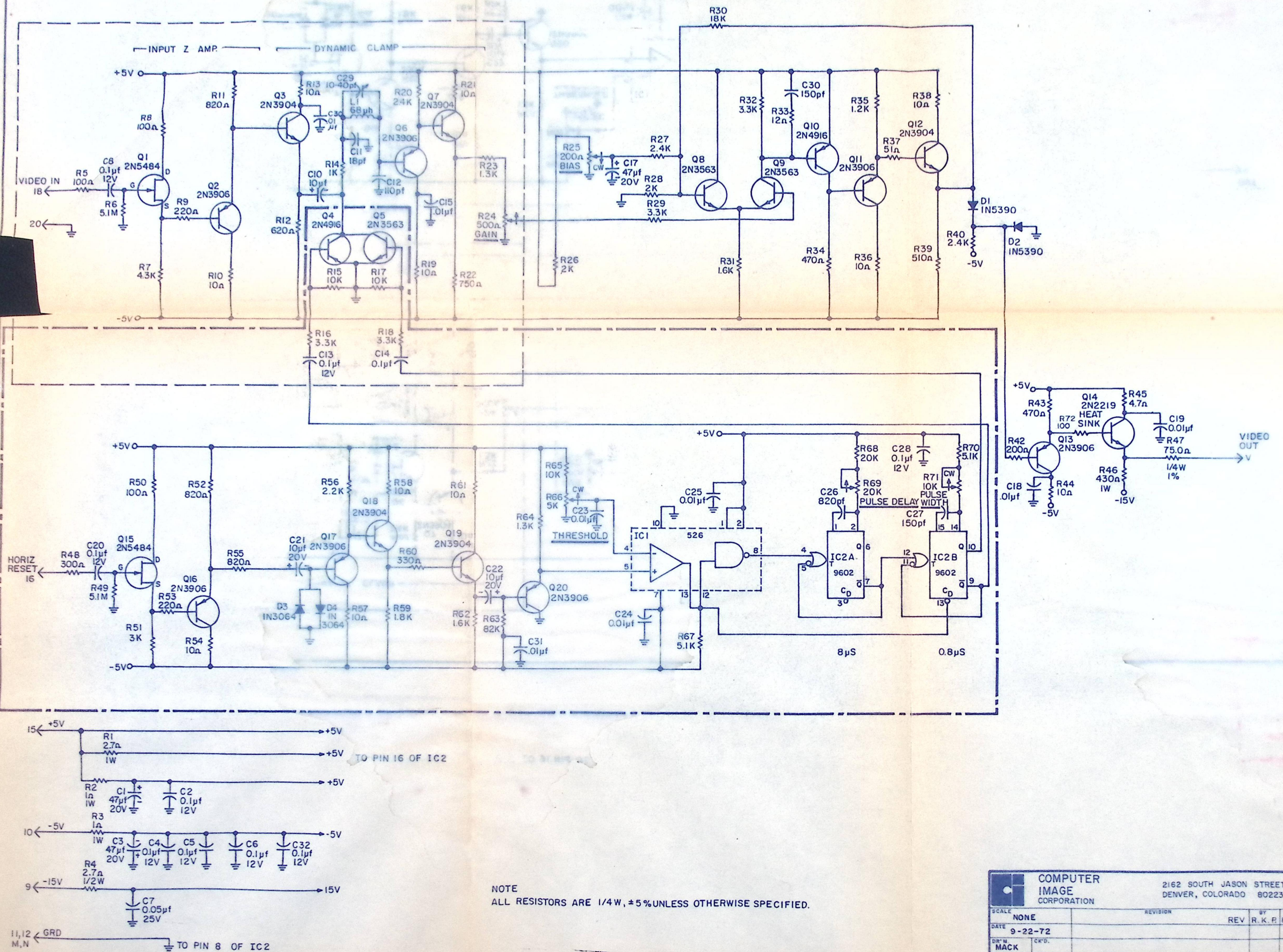
ALL POTS 1K LINEAR CTS - 480

 COMPUTER IMAGE CORPORATION		2475 W. 2nd. AVE. DENVER, COLORADO 80223	
SCALE	NONE	REVISION	REV
DATE	3-11-71	BY	RKP
DR'N	E.R.	C'D.	
AP'VD.			
TITLE		NO.	
COLOR CONTROLS COLOR CONTROLLER		CVS-106B	

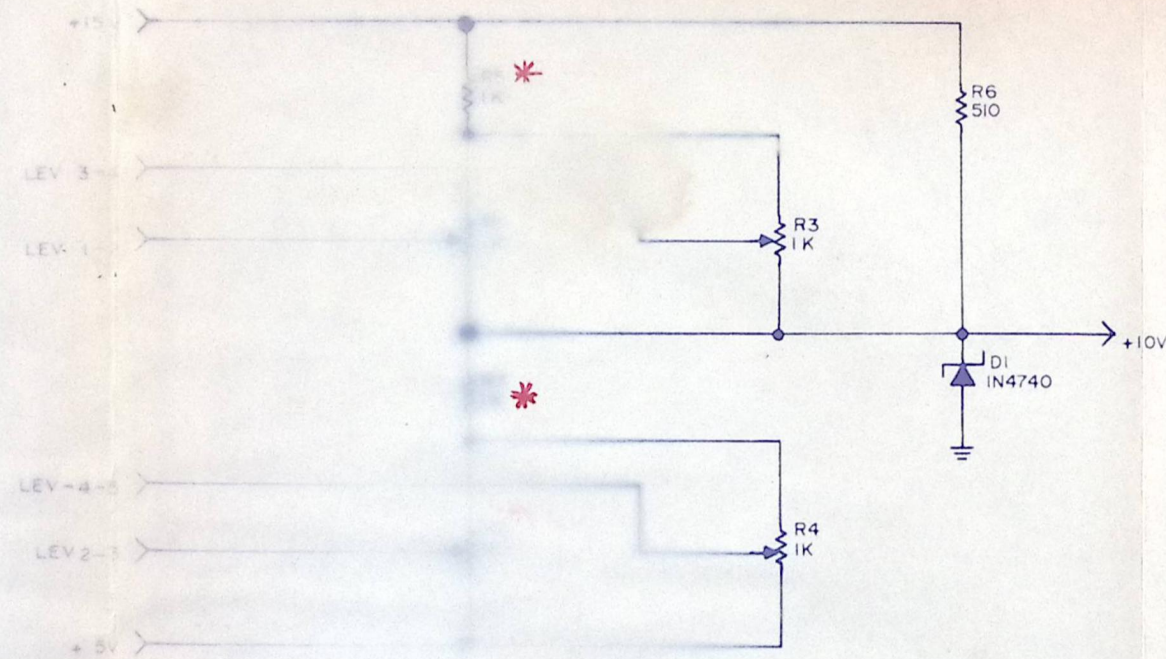


COMPUTER IMAGE CORPORATION		2475 W. 2nd AVE. DENVER, COLORADO 80223	
SCALE	NONE	REVISION	REV R K P 7-9-73
DATE	2-28-72	BY	
DR. H. E. R.	CR. D.		
AP. VD.			
TITLE SYNC LOCK		CVS-120	

NOT LATEST



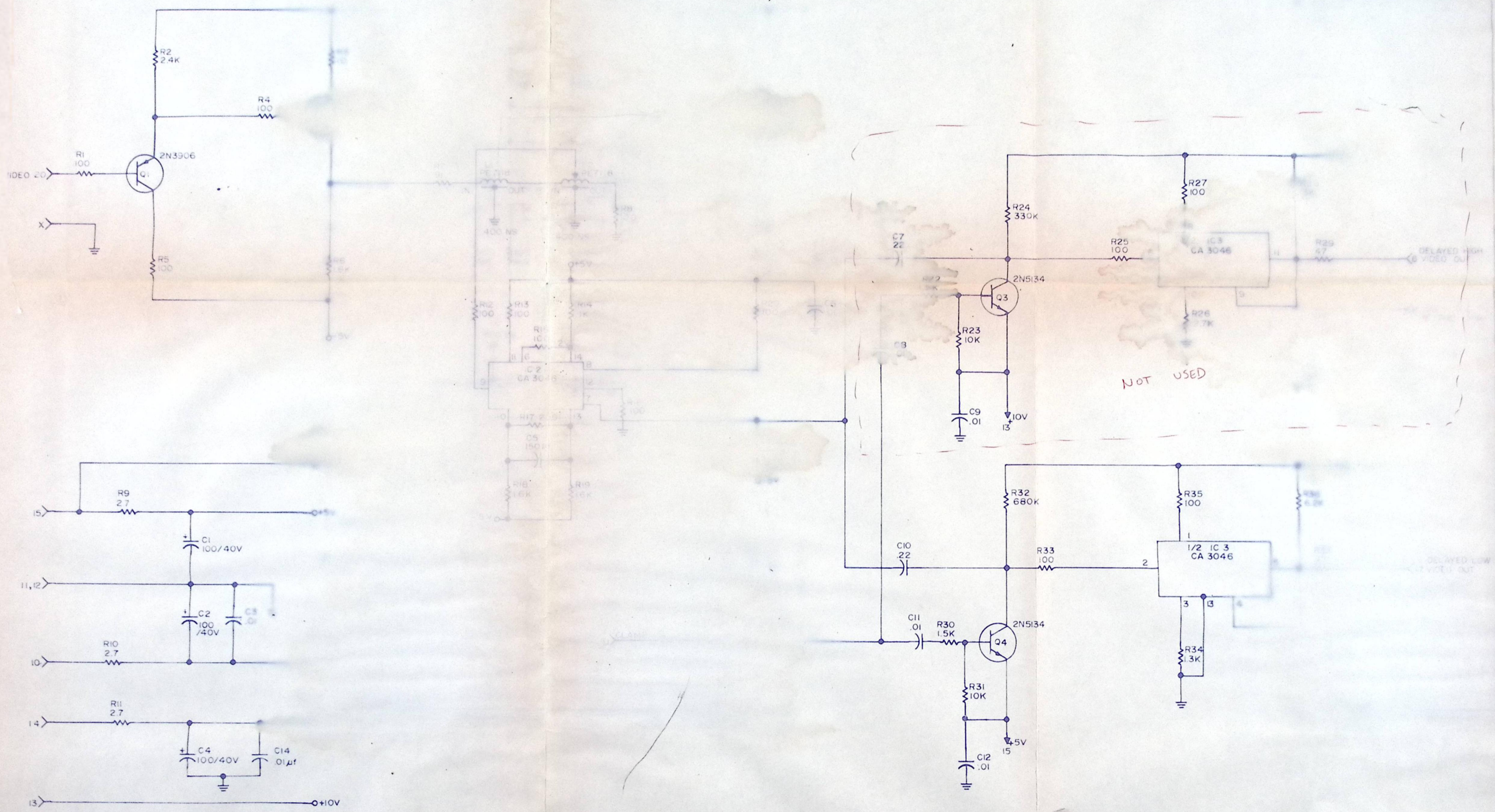
COMPUTER IMAGE CORPORATION		2162 SOUTH JASON STREET, DENVER, COLORADO 80223	
SCALE NONE	REVISION	BY R. K. P.	DATE 8/8/73
DATE 9-22-72	REV		
DR'N MACK	CK'D.		
AP'VD.			
TITLE 3.58 FILTER	NO. CVS-122A		



* SELECT FOR ^{2.0} ~~1.0~~ V ACROSS POTS

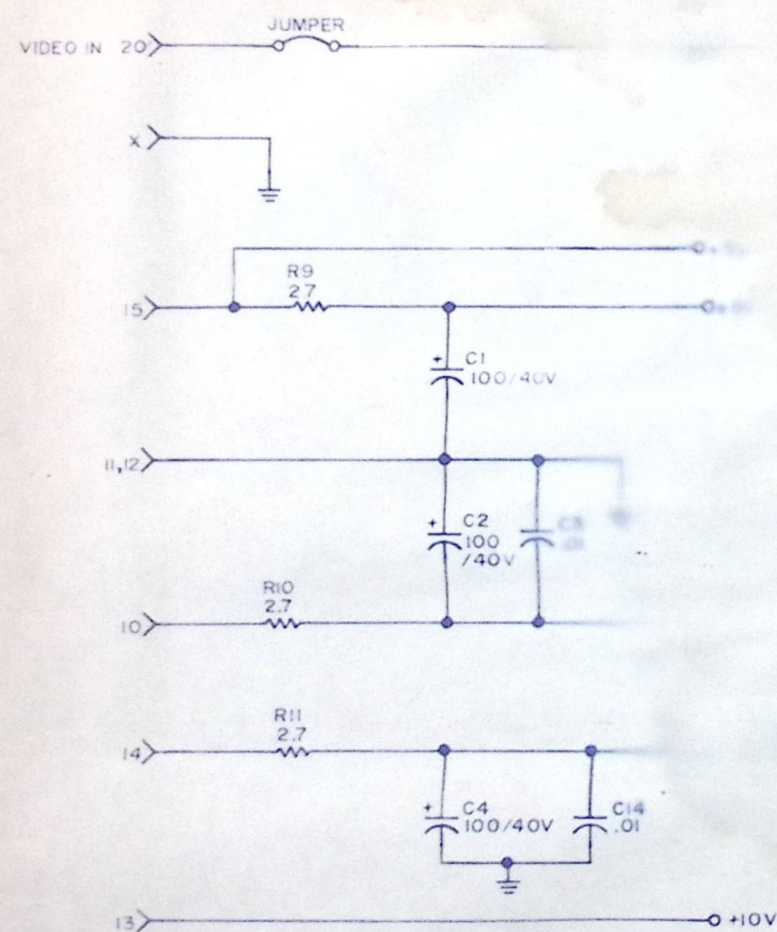
COMPUTER IMAGE CORPORATION		2475 W 2nd AVE DENVER, COLORADO 80223	
NONE	REV-A	R.K.P.	12/6/73
9/25/72	REV	R.K.P.	12/26/73
MACK			
LEVEL ADJUST		CVS-123A NOT LATEST	

"NOTES" ALL RESISTORS ARE 1/4 W 5% UNLESS OTHERWISE SPECIFIED.



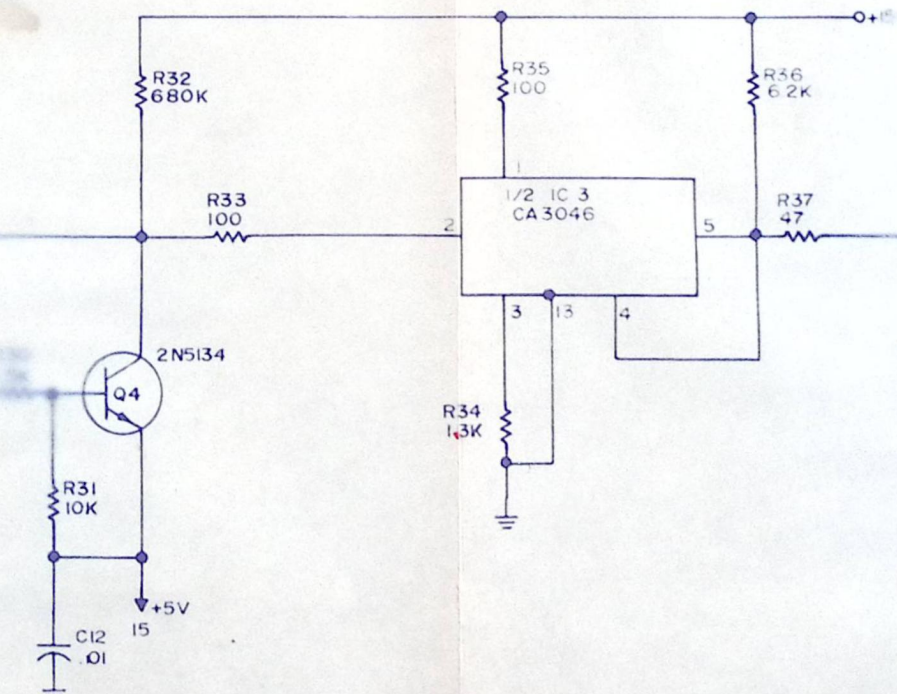
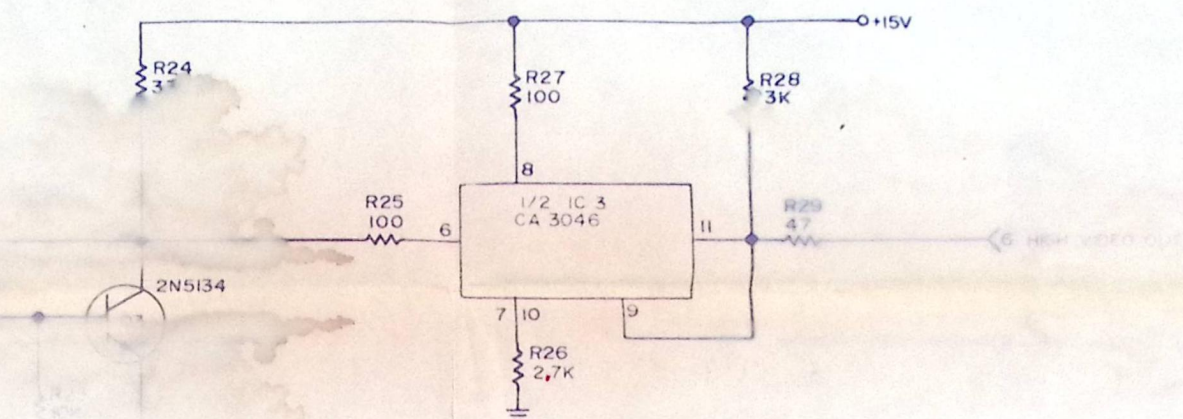
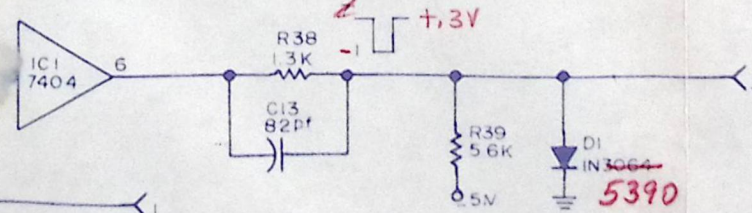
COMPUTER IMAGE	
NONE	
11/1/73	
R K P	
DELAY AMP	CVS-134-1

ALL RESISTORS ARE 1/4 W $\pm 5\%$ UNLESS OTHERWISE SPECIFIED

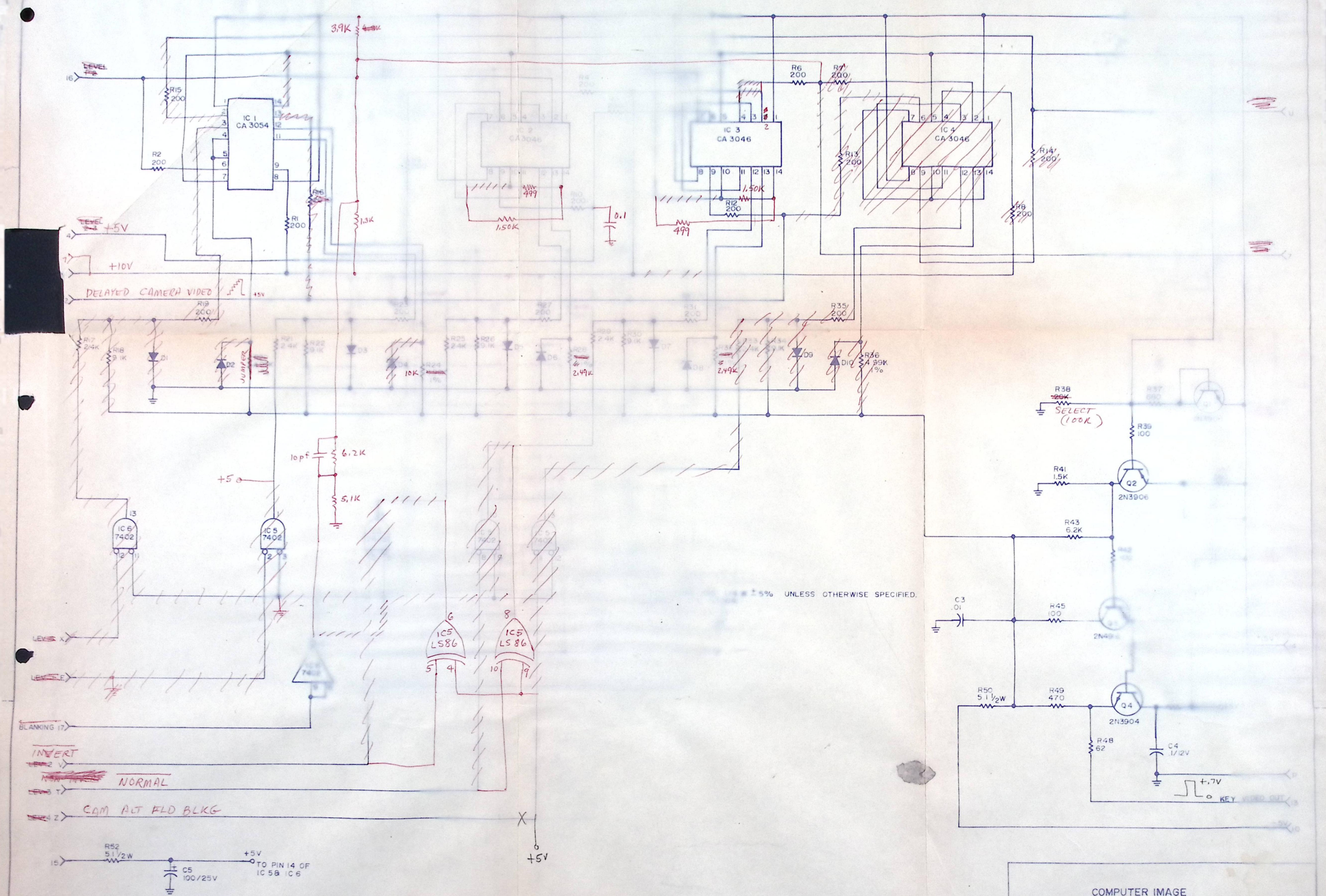


CAM

CLAMP

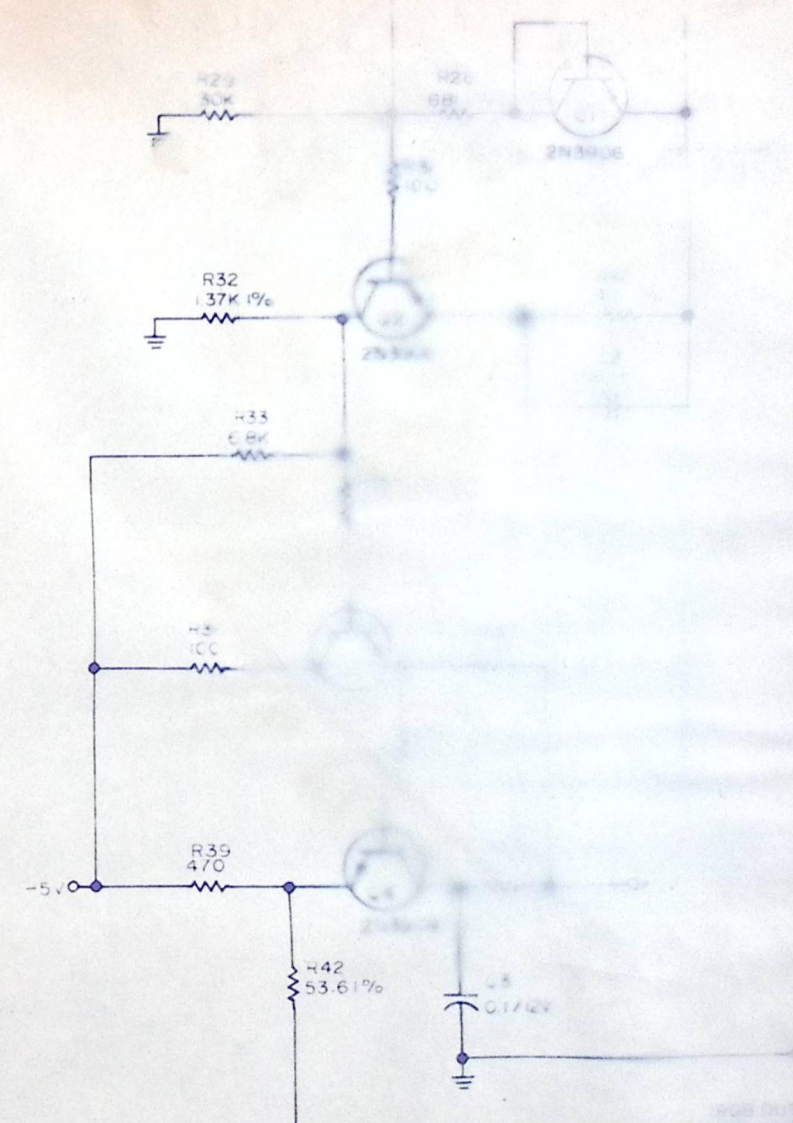
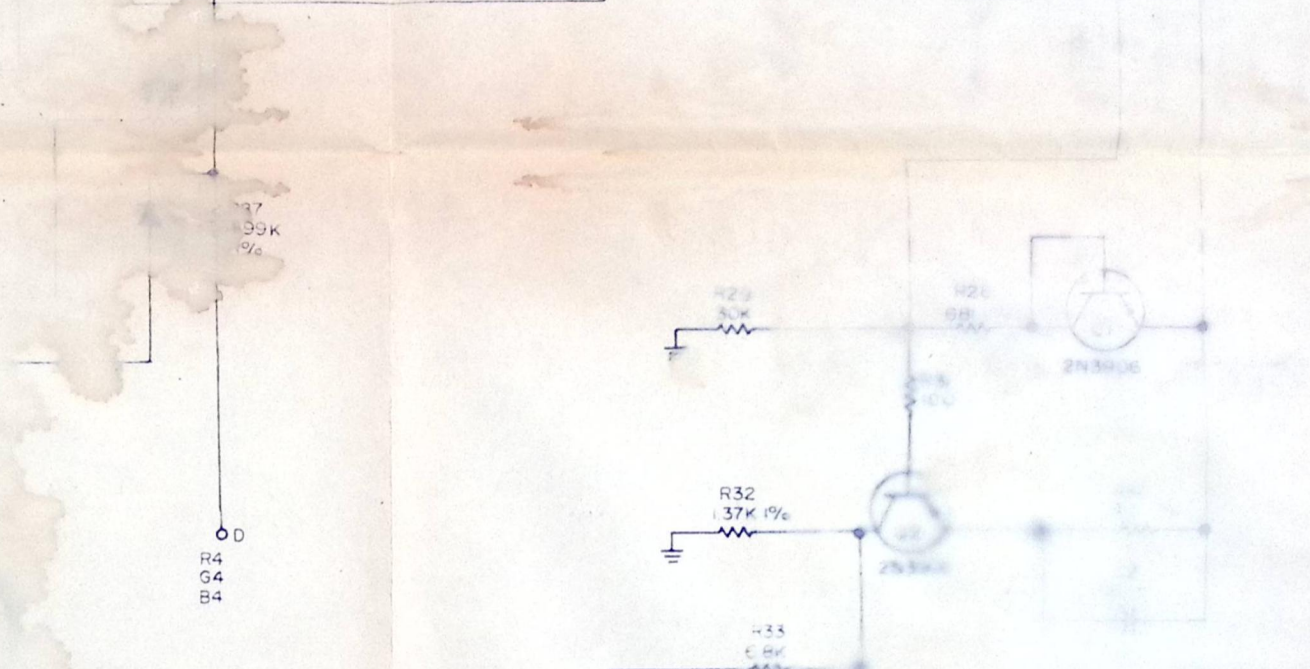
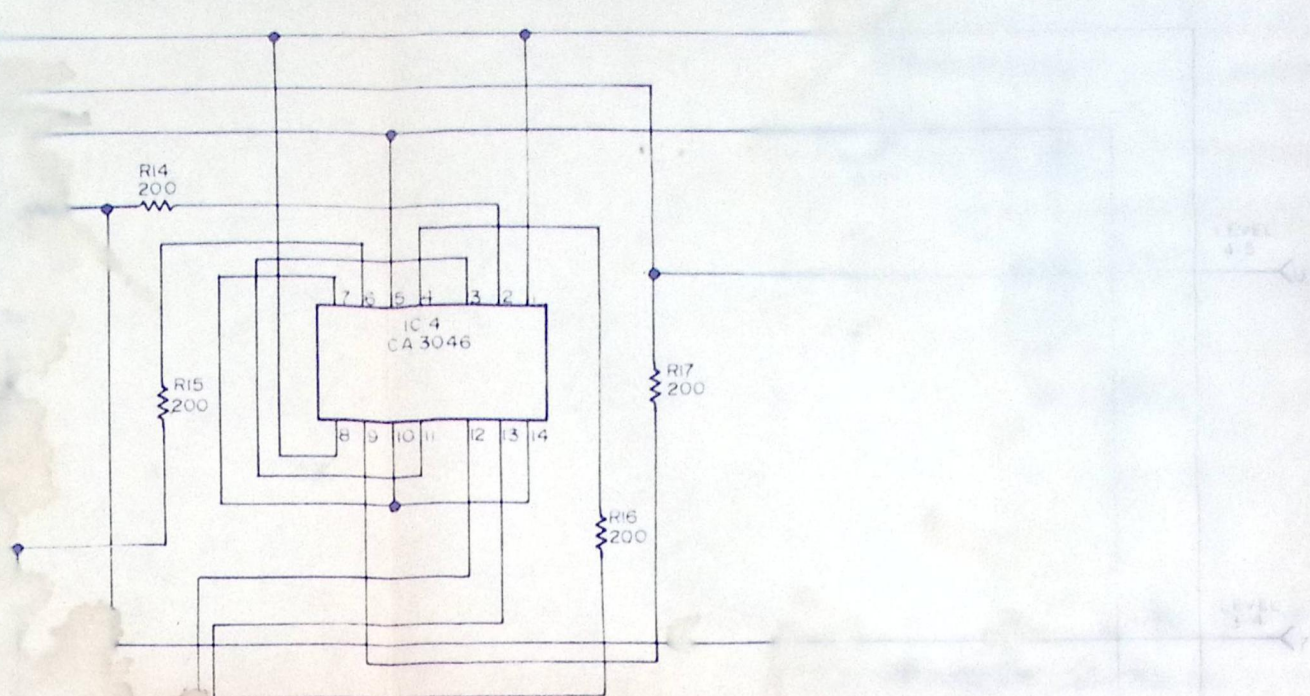
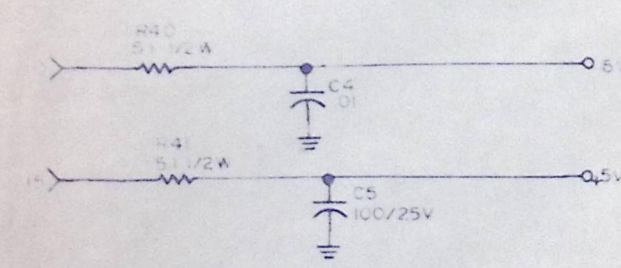
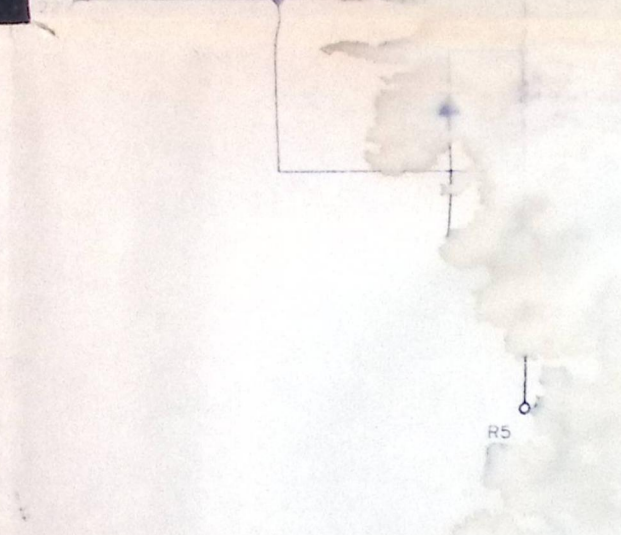
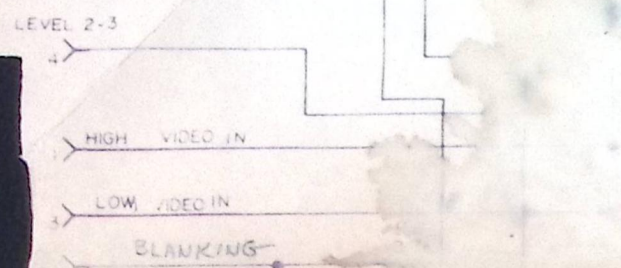
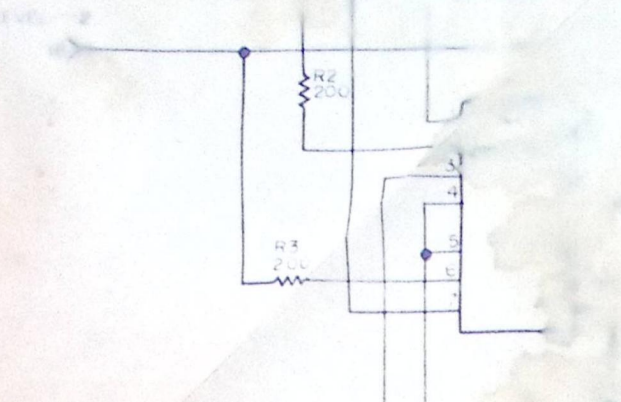


COMPUTER IMAGE	
NONE	
11/1/73	
RFP	
INPUT AMP	CVS-134-2



COMPUTER IMAGE	
NONE	
11/10/73	
R K P.	
BACKGROUND COMPARATORS	
CVS-135	

+15V
14



COMPUTER IMAGE	
NONE	
10/29/73	
R K P	
COLOR COMPARATOR	CVS-136



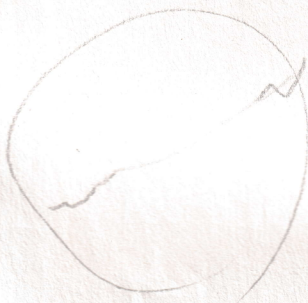
Horiz Blanking

FCC - 10.7 to 11.1 μ S at 4 IRE

10.9 nom
11.44 max at 90 IRE

NBC - 10.8 max

Cam 1 $\checkmark$ Field 2 line 21
1 " 1 " 21 $\frac{1}{2}$
98
38
10



- 02
sp - 1

pc1
02 06

$$\frac{59.94}{60} = .999$$

$$= 1 - .001$$

Ch
Crosshatch 3.175 μ S/pulse
12.7 μ S for 4 pulses
9.52 μ S " 3
6.35 " 2

$$\begin{array}{r} 6.35 \\ 3.17 \\ \hline 9.52 \end{array}$$

528 Mon Hwp
Caesar 9.3
Scan
Control

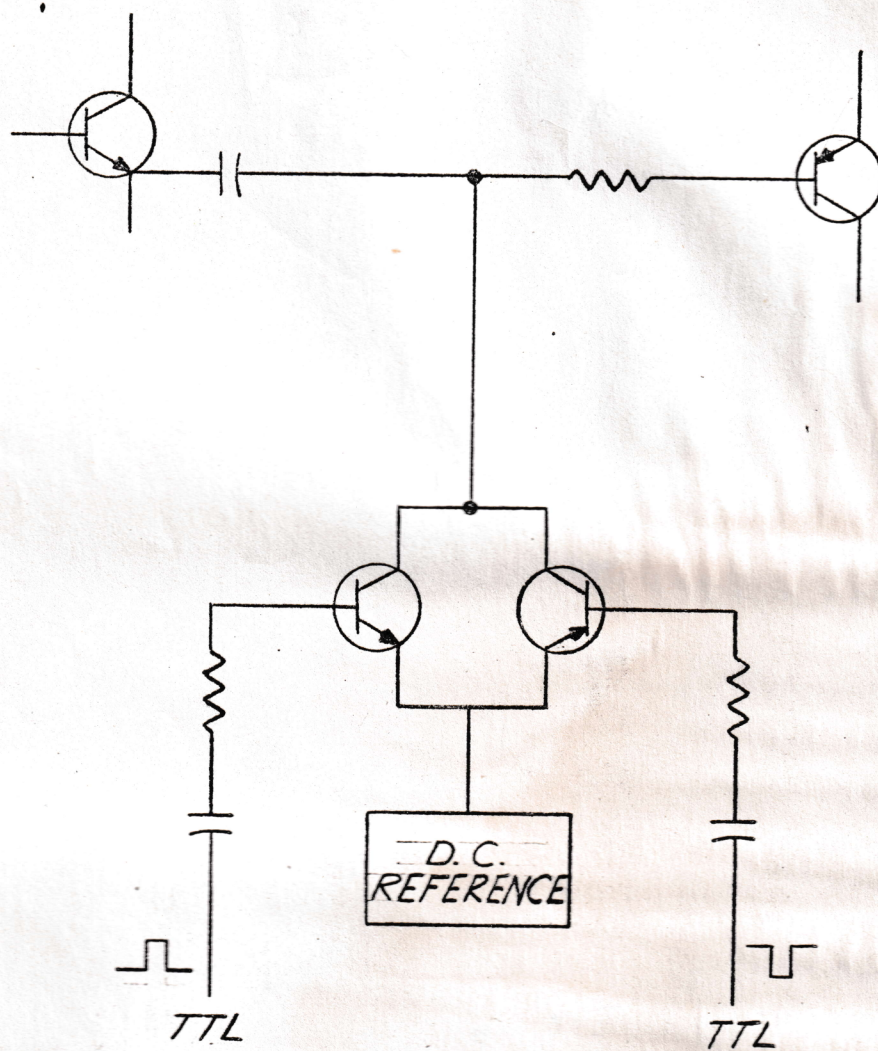
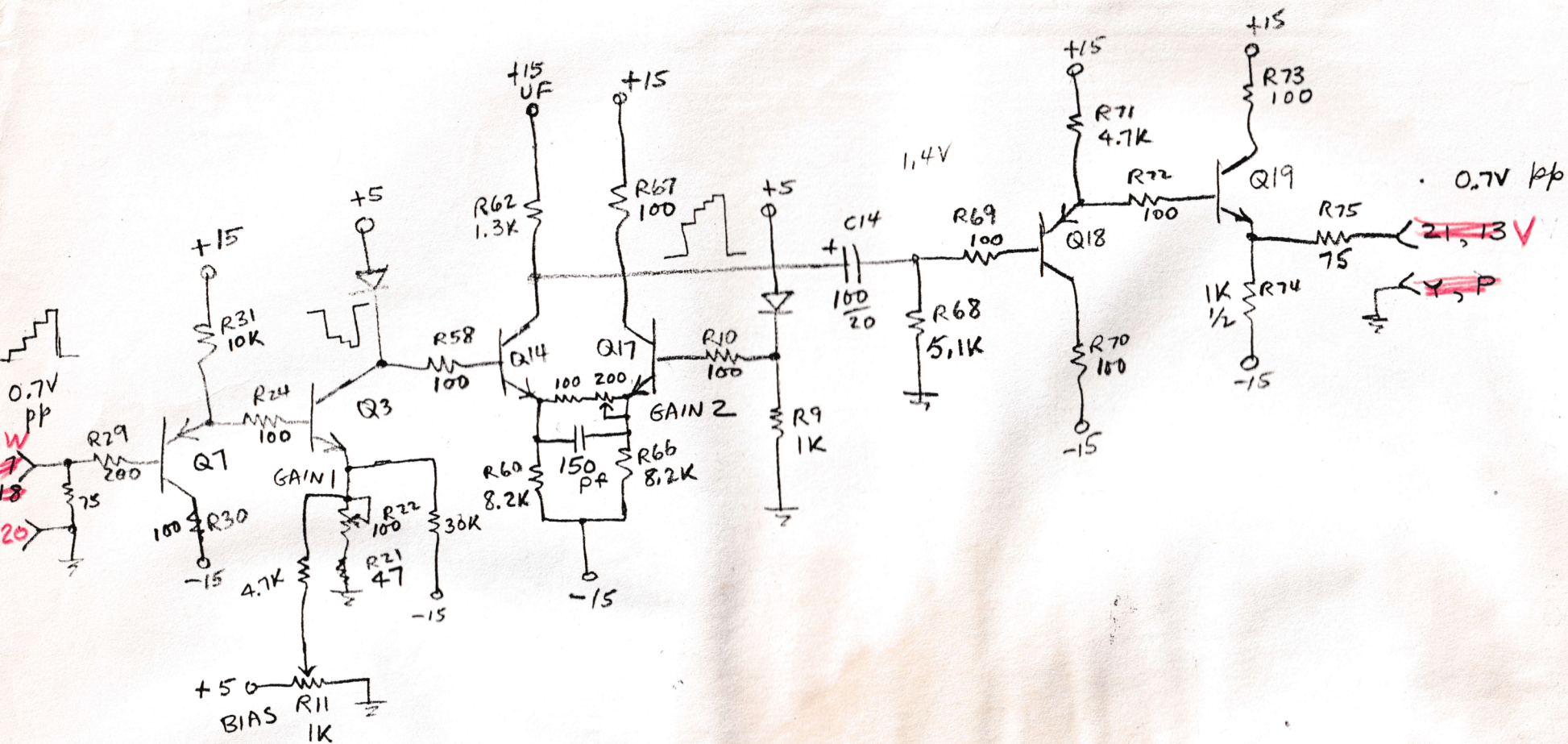


FIG 3.1-2 COMPLEMENTARY CLAMP CIRCUIT



GAMMA CORRECTOR
CUS-119 (MOD.)

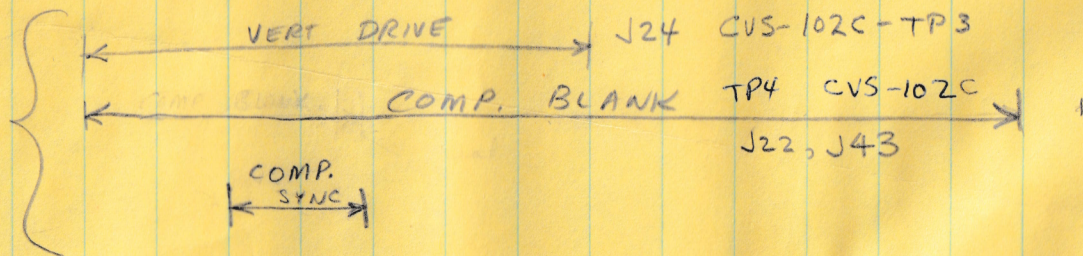
CAESAR COLOR CONT. J7
SCANIMATE J3

SCAN CONVERTER + COLORIZER

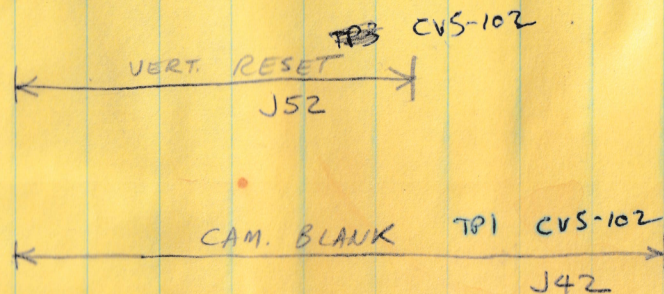
VERTICAL TIMING - TV RATES

0 .1 .2 .3 .4 .5 .6 .7 .8 .9 1.0 1.1 1.2 MSEC.
1.3

TEKT.
R140



COLORIZER

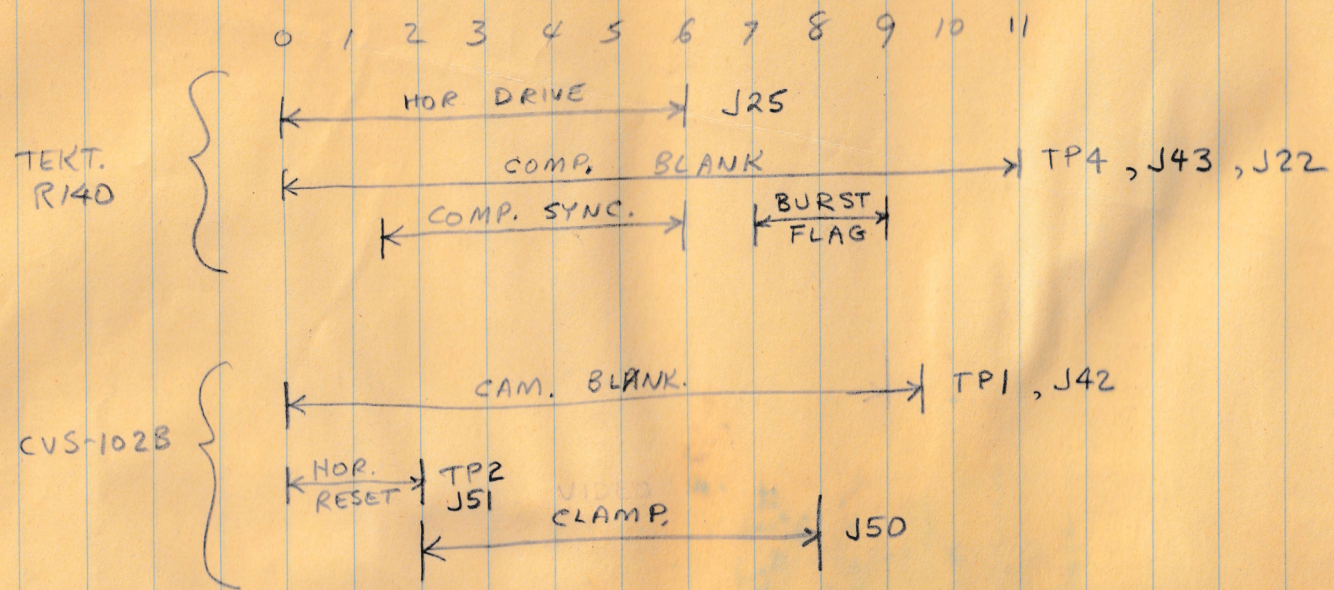


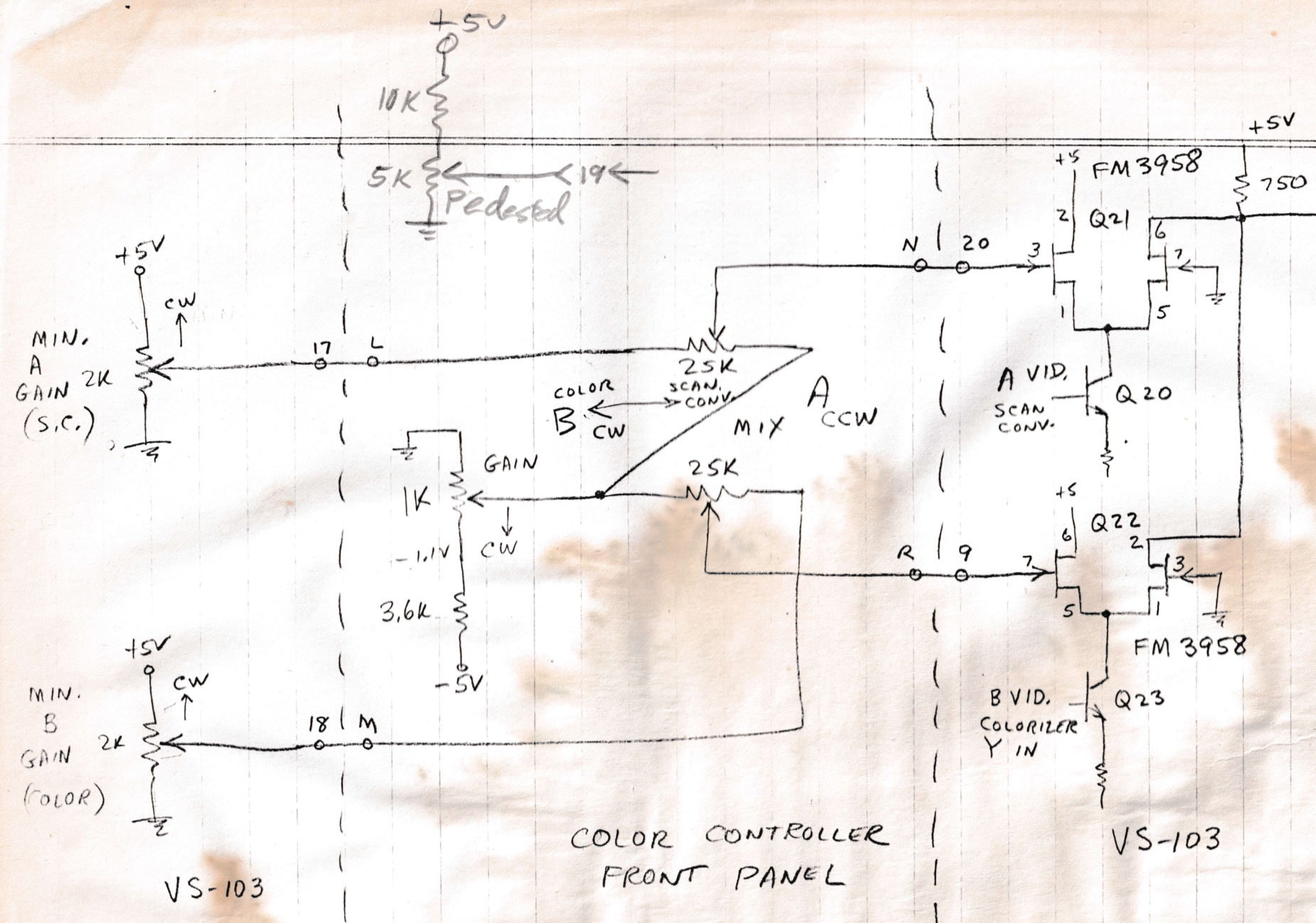
$$\frac{16.7}{20}$$

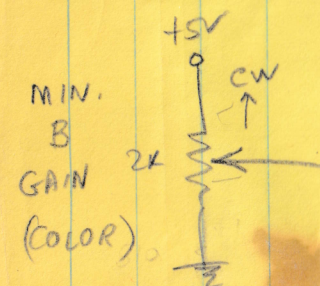
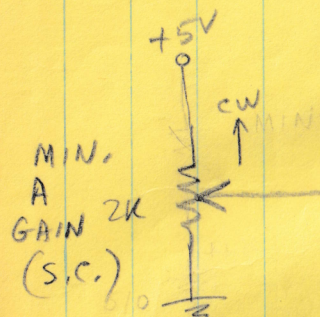
$$\frac{63}{100}$$

$$\frac{63}{100}$$

TV HORIZONTAL TIMING SCAN CONVERTER & COLORIZER



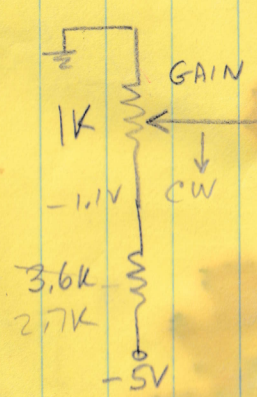




VS-103

17 L

18 M



COLOR B CW

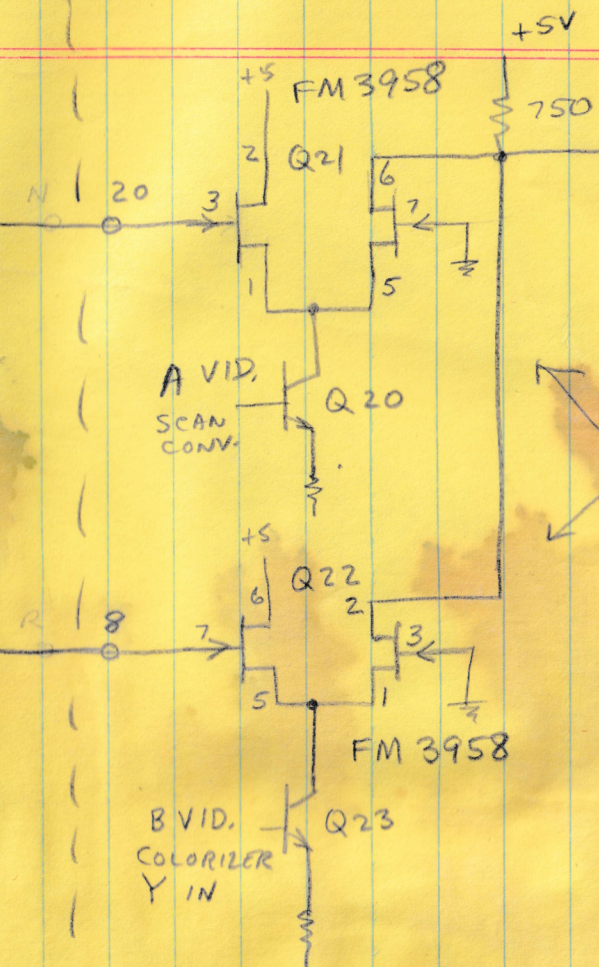
25K

25K

MIX

A CCW

COLOR CONTROLLER
FRONT PANEL



OFF +1.4
ON -.9

OFF +1.3
ON -.9

Match cut offs

VS-103